

MODLAND Plenary Report Back

ATBD Revision underway: significant changes have been made based on the letter and panel reviews. Panel recommendation that the land group be strengthened is welcomed by the team. Under discussion are 1) addition of new team members to augment activities on existing products 2) sub-contracting specific short term development tasks to 'experts' within the community 3) building computing capacity.

Concerns that addition of new team members will need to provide a contribution to existing products and delivery schedules and will not be at the expense of the resources needed for existing team members to fulfill their commitments.

R and A Program The team would welcome a closer alignment of parts of the R and A program with the MODIS land activity, to keep MODIS briefed on new research which could benefit the MODLAND product development, to engage the broader research community in what MODLAND is doing.

Snow / Ice MODIS Meeting - recommend a small 'community' meeting in the next 6 months

SWAMP/ISLSCP - MODIS/MISR- BRDF/LAI/FPAR/Land Cover meeting proposed by Sellers for Spring 95 to work community product issues. Sellers and Running are looking at IPAR products for at-launch community usage. Sellers will examine AM Albedo product needs.

DEM - DEMs for the instrument needs are now on the EOS Agenda. A degraded 1km product is being worked for the AM instruments through an initiative by Martha Maiden at NASA/HQ. MODLAND will play an active role in this activity. Modland needs to examine the specific requirement for the post-launch BRDF product and to work towards a product which will meet the team needs.

DIS Issues

Beta algorithm delivery - the team is working with SDST to provide the Beta Code. It is envisioned that a further iteration will be needed at the Beta Level to work issues of land product interdependencies. The intention is to establish a close working relationship with SDST integration team this coming year.

Phased implementation - the team would like to ensure that the 'phased implementation' under discussion allows for product dependencies and for full evaluation of products prior to DAAC dissemination. Evaluation will require that global time series products be produced somewhere.

Land Water Mask - MODLAND needs to play an active role in the decision making concerning the Community Products proposed for land water masks. MODIS could play a critical role in updating the product used at launch.

Global 1km AVHRR prototype. TLCF ATM link to EDC DAAC will be used for 1km transmission. MODLAND SCF capacity needs strengthening to be able to handle existing data volumes. ECS is showing interest in using the 1km for land prototyping.

Gridding - needs more attention from Modland - a white paper will be produced in conjunction with SDST in the next six months. EDC DAAC has been asked to provide input to the discussion on gridding.

Ancillary data needs - climate data remains an outstanding issue. DEMs are being addressed.

SDST/MODLAND Workshop proposed for Spring '95 in Tucson.

IDS - need to work the issue of MODIS output products in terms of meeting the IDS input needs.

BOREAS - we are now trying to get access to image data for MODLAND for Boreas analysis. Steve Ungar is planning to have MAS data available in Dec.

VALIDATION - plans for LTER interaction are continuing. Proposals are being submitted to the R and A program to provide outreach to the LTER community and to engage them in MODIS related activities.

SPOT - welcome a continued, stronger and perhaps more formal tie to Modland.

ATSR2 - recommend a presentation at the next team meeting on this instrument which could provide useful data for MODIS simulation.